

KERATAN AKHBAR-AKHBAR TEMPATAN
TARIKH: 6 MAC 2016 (AHAD)

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Waste management project a win-win solution

By Wilfred Pilo
reporter@thehomepost.com

KUCHING: Ministry of Science, Technology and Innovation (Mosti), through Mosti Social Innovation (MSI) project, has the ability and resources to help turn the waste management project in Kampung Bako into a success story.

According to minister Datuk Seri Wilfred Madius Tangau, the outreach programme is a way for the government to help solve various social issues — in this case, proper waste disposal that directly affects the community and their livelihood.

"Waste management is always a big challenge for those living in populated areas such as Kampung Bako.

"We are proud that we have science and technology to help solve issues concerning waste disposal and most importantly, innovative ways to deal with it," he said after handing over the MSI project to the village security and development committee (JKKK) at Kampung Bako Compost Centre, about 30km from here, yesterday.

In addition, he said Mosti would welcome ideas from the villagers that had the viability and practicality to benefit the community as a whole and if found to be viable, the ministry would endorse them.

Madius also commend the villagers for their initiative to work together with Japanese International Cooperation Agency (Jica), which acted as the training facilitator for the waste management project.

"This project should be able to boost socio-economic transformation of the community. I laud the villagers, Jica and the state government on their



Madius signs the commemorative plaque to officiate at the handover of the MSI project to Kampung Bako Compost Centre.

collaboration in such a great initiative.

"What the villagers have done is to help sustain the environment and keep their area clean. In the process, they would also be able to benefit from the economic gain through business opportunities," he said.

Madius disclosed that MSI had

the fund to implement innovative programme on waste management that not only involved technology, but also the community. On this, he encouraged any individual or village committee to come forward and request for assistance should they encounter problems.

"We will help solve the problem and at the same time, help them



Madius (third left), with Dr Hazland on his right, listens to a briefing by Kampung Bako villager Jaafar Hamzah on how organic waste could be turned into compost.



Madius cuts the ribbon to mark his visit to the compost centre. On his left Dr Hazland.

turn waste to 'wealth'. For Kampung Bako, I want to see the project here become successful — I want to come back to see it again," he assured the villagers.

On the potential of turning the project into something that would commercially benefit the community, Madius stressed that they must also know how to market and brand the end-products.

According to him, Mosti has an agency called Malaysian Design Council that can help in packaging and value-adding products.

"We helped design the packaging for 'Kek Lapis Sarawak', which almost immediately add value to the products. The same goes for products deriving from the project in Kampung Bako.

"For instance, the compost

(from the MSI project) has the potential to be marketed as organic fertiliser that is safe for crops and humans. Those with good ideas for this product can come to us and learn more about how to package and market such offering."

Meanwhile, Madius called on the villagers to continue supporting the government and support its representatives so that they could bring more development to Kampung Bako and its surrounding areas, which house many major attractions such as Bako National Park.

"Your village co-op (cooperative) has been getting income from ferrying visitors to the national park. I am sure that there'd be more income coming in if you could come up with and implement more innovative ideas,

like making money from waste and helping to make your village cleaner.

"The cleaner the village, the better it could attract visitors and the more money you could make out of it," he said.

Madius later inspected the compost centre in Kampung Bako Hilir, where the villagers had been manufacturing compost out of food and garden waste.

The minister was accompanied by Demak Laut assemblyman Dr Hazland Hipni, Malaysian Foundation for Innovation chief executive officer Muhammad Aziph Dato Mustapha, state Natural Resources and Environment Board controller Peter Sawal and Kampung Bako headman Ketua Kaum Wahid Morni.

MOSTI perkenal pengurusan inovasi selesaikan masalah sampah di Kampung Bako

KUCHING: Isu sampah di Kampung Bako bakal selesai dengan adanya pusat pengurusan sisa buangan sistematik dan berinovasi menerusi projek di bawah Kementerian Sains, Teknologi dan Inovasi (MOSTI).

Menterinya, Datuk Seri Panglima Madius Tangau berkata program Inovasi Sosial MOSTI (MSI) dijangka dapat mengatasi masalah pengurusan sampah khusus kawasan seberang sungai tersebut.

Berdepan cabaran aspek pengangkutan, katanya, perkara itu sememangnya tidak dinafikan menjadi masalah kepada penduduk melupus sisa buangan memandangkan kawasan itu terletak di seberang sungai.

"Justeru, pengurusan sisa buangan sering menjadi masalah utama di kawasan yang mempunyai populasi penduduk

ramai, dan inilah cabaran yang dihadapi oleh Kampung Bako," katanya.

Beliau berkata demikian ketika berucap sempena majlis penyerahan Projek MSI - Pengurusan Sisa Makanan dan Sisa Kebun Domestik di Pusat Kompos Bako, Kampung Bako, di sini, semalam.

Hadir sama, Ahli Dewan Undangan Negeri (ADUN) Demak Laut Dr Hazland Hipni, Ketua Pegawai Eksekutif YIM, Muhammad Aziph Dato Mustapha, Kontroler Lembaga Sumber Asli dan Alam Sekitar, Peter Sawal, dan Ketua Kaum Kampung Bako, Wahid Morni.

Mengulas lanjut, katanya pelaksanaan projek pengkomposan di kawasan itu tepat masanya, selain memberi manfaat kepada penduduk sekitar.

Menjelaskan perkara itu,

inisiatif diambil komuniti kampung berkenaan juga berpeluang meningkatkan pembangunan ekonomi sosial masyarakat menerusi projek pengkomposan.

Menurutnya, MSI merupakan dana yang disediakan oleh kerajaan untuk tujuan membantu kumpulan sasaran melalui pembangunan atau pelaksanaan idea dalam bentuk produk, perkhidmatan atau model keperluan sosial.

"Kita akan bantu masyarakat, malah kita juga dapat bantu anda menukarkan sisa buangan ini kepada sumber pendapatan iaitu sisa kepada duit," ujarnya.

Difahamkan lebih 100 projek MSI akan diserahkan di seluruh negara pada tahun ini, dan di Sarawak sahaja, sebanyak lima projek MSI dijalankan oleh Yayasan Inovasi Malaysia (YIM).



DR HAZLAND HIPNI

Rep: Village has capability to turn waste into 'wealth'

KUCHING: Demak Laut assemblyman Dr Hazland Hipni believes that Kampung Bako has the potential to turn waste into 'wealth' — thanks to the commissioning of a compost centre run under **Ministry of Science, Technology and Innovation (Mosti)** through Mosti Social Innovation (MSI) project.

The programme, which involves villagers and Japanese International Cooperation Agency (Jica) as the training body, is seen as a good opportunity to help the village become self-sustainable and be involved in a lucrative venture.

"The venture into the compost and waste management sectors is something quite new. It certainly presents a great opportunity (for the villagers) to improve their livelihood, which relies on fishing and tourism activities," he said when met at the official handover of the MSI project to the village by Science, Technology and Innovation Minister Datuk Wilfred Madius Tangau yesterday.

Dr Hazland disclosed that the idea behind this creative venture was derived from 'necessity'.

"Kampung Bako is about 30km from Kuching and as such, they (villagers) have to find ways to dispose of their food and garden waste.

"Thanks to Jica, a solution to this problem was discovered. The agency brought eight villagers, who are members of the JKKK (village security and development committee), to Japan for them to learn about the technology behind the processing of compost," he said.

The eight villagers then took what they learned in Japan and applied the concept at a 43-acre land previously used for prawn farming, said Dr Hazland.

"Since then, they have been successful in producing compost that is safe to be used as organic fertiliser.

"It is because of this I want Mosti to channel assistance to Kampung Bako JKKK so that they could go further in this branch of waste disposal industry.

"I also hope that Mosti and its agencies could help modernise the compost industry in Sarawak," he said.

Dr Hazland later announced RM10,000 in allocation for Kampung Bako Compost Centre.

KERATAN AKHBAR
UTUSAN BORNEO (TEMPATAN) : MUKA SURAT 5
TARIKH: 6 MAC 2016 (AHAD)

Usaha merakyatkan STI di peringkat akar umbi

Produk inovasi mensejahterakan masyarakat, melahirkan usahawan atau inovator kepada negara

Oleh Jessica Jawing

KUCHING: Kementerian Sains, Teknologi dan Inovasi (MOSTI) sedang berusaha menerapkan Sains Teknologi dan Inovasi (STI) sebagai satu dasar bukan sahaja di Kementerian atau agensi, tetapi juga peringkat akar umbi.

Menterinya Datuk Seri Panglima Madius Tangau berkata, ia selaras dengan usaha Kementerian yang mahu merakyatkan inovasi di peringkat kampung dan sebagainya.

"Malaysia sebenarnya dari segi dasar sains dan teknologinya amat kukuh di mana kita telah mengeksport kepada lebih 30 negara di dunia.

"Selain itu, cabaran kita juga adalah berhubung STI untuk dasar, di mana kita memastikan STI dapat diserap dalam setiap dasar kerajaan sama ada Kementerian atau agensi, malahan di kampung atau masjid," ujarnya.

Beliau berkata demikian pada sidang media selepas merasmikan penyerahan Sangkar Sembelihan Mudah Alih kepada Jawatankuasa Kemajuan dan Keselamatan Kampung (JKKK) Kampung Semariang Batu yang



INOVASI: Madius (empat kiri) menekan butang sebagai simbolik penyerahan Sangkar Sembelihan Mudah Alih kepada JKKK Kampung Semariang Batu sambil disaksikan Fadillah (tiga kiri), Ahli Dewan Undangan Negeri Samariang Sharifah Hasidah Sayeed Aman Ghazali (kiri) serta yang lain.

dihadiri Ahli Parlimen Petra Jaya Datuk Seri Fadillah Yusof di sini, semalam.

Menurut Madius, sangkar berkenaan yang di bawah program Inovasi Sosial MOSTI (MSI) antara pendekatan untuk menerapkan STI, sekali gus

merakyatkan inovasi dalam kalangan penduduk kampung.

"Kita di Kementerian melihat bahawa inovasi seperti ini boleh mensejahterakan rakyat di mana kita mengangkat idea dalam menyelesaikan masalah dengan memberi peruntukan

untuk mereka membangunkan inovasi.

"Pada akhirnya nanti produk inovasi yang dikeluarkan bukan sahaja melahirkan usahawan atau inovator kepada negara, tetapi memberi balak kepada komuniti," tegasnya.

Tambahnya, dengan inovasi ia bukan sahaja menyelesaikan masalah yang dihadapi melalui teknologi dan sains, bahkan kebanyakan produk dikeluarkan adalah jimat kos.

Jelusnya, pada tahun lepas lebih 100 projek MSI telah

“Selain itu, cabaran kita juga adalah berhubung STI untuk dasar, di mana kita memastikan STI dapat diserap dalam setiap dasar kerajaan sama ada Kementerian atau agensi, malahan di kampung atau masjid.”

Datuk Seri Panglima Madius Tangau
Menteri Sains, Teknologi dan Inovasi

dijalankan di seluruh negara dengan lima projek di Sarawak dan percaya lebih banyak projek MSI pada tahun ini memandangkan ia telah dilaksanakan awal tahun berbanding pertengahan pada tahun lepas.

"Sangkar sembelihan mudah alih ini merupakan salah satu daripada projek berkenaan pada tahun lepas dan kita berharap ia menjadi dorongan serta idea kepada penduduk di sini untuk menghasilkan produk inovasi," katanya.

Sangkar sembelihan berkenaan merupakan cetusan inovator Hamzan Hashim, 47, dari Perlis yang menggunakan teknologi hidrolik bagi mengendalikan urusan penyembelihan sebagai alternatif kepada cara tradi-

sional.

Sementara itu, Fadillah dalam ucapannya juga berharap pemimpin akar umbi termasuk ahli-ahli parti politik, ketua kaum serta JKKK kampung duduk berbincang dan meng-himpunkan masyarakat untuk bersama melahirkan idea mencari sesuatu yang lebih berinovatif.

"Saya yakin ramai di kalangan masyarakat di sini inovatif, maka kita berharap pemimpin akar umbi dapat duduk bersama dalam perkara ini.

"Masyarakat yang inovatif memainkan peranan penting kerana banyak masalah boleh diselesaikan dengan cara yang lebih kreatif dan akhirnya menghasilkan produk inovatif," katanya.

'Incorporate science, innovation in daily living'

By Saiful Bahari
reporters@thebernaspost.com

KUCHING: The people are urged to incorporate science and innovation in their daily lives to improve life and services rendered.

In stating this, Science, Technology and Innovation (MOSTI) Minister Datuk Seri Madius Tangau said government departments should adapt to science, technology and innovation (STI) to improve service delivery.

"Malaysia in fact is a country with a solid background in STI and we believe in the capability of our people," said Madius.

He added that Malaysia had exported various technologies to other countries and to ensure this growth, the people should play their role as well," he said.

He was speaking at the presentation of a Mobile Slaughtering Cage to the Village

Malaysia in fact is a country with a solid background in STI and we believe in the capability of our people.

—Datuk Seri Madius Tangau, Science, Technology and Innovation (MOSTI) Minister

Development and Security Committee (JKKK) of Kampung Semariang Batu yesterday.

On yesterday's event, Madius said the Mobile Slaughtering Cage is a development from the Mosti Social Innovation programme.

"Innovation such as this can solve various problems and by allocating a fund to them, we help them to develop their innovation which will benefit the masses," he said.

"Last year, over 100 projects under the Mosti Social Innovation programme were kick-started, with five projects in Sarawak and

we believe we will see more of such innovations being completed this year," he said.

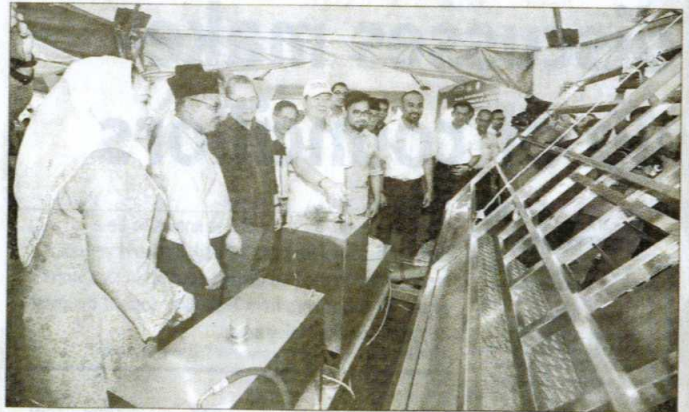
The innovation presented yesterday was created by Hamzan Hashim from Perlis, which designs a hydraulic platform with controls to assist in the slaughtering process compared to the traditional method of slaughtering animals such as cows.

Meanwhile, Works Minister Fadillah Yusof in his speech urged locals to play their part in coming up with innovations.

Fadillah, who is also Petra Jaya MP, expressed confidence in the people's creativity and called for others to emulate the effort by Hamzan.

"His invention solves problems faced during the slaughtering process and this saves time which is beneficial to the people," he added.

Also present at the event was Samariang assemblywoman Sharifah Hasidah Sayeed Aman Ghazali.



Madius (fourth left) at the controls to lift the platform as Fadillah (third left), Hasidah (left) and others look on at the invention of Hamzan Hashim, a Mobile Slaughtering Cage for livestock.

KERATAN AKHBAR
UTUSAN BORNEO (TEMPATAN) : MUKA SURAT 6
TARIKH: 6 MAC 2016 (AHAD)

Rayat di menua tu dipinta nulak penemu kungsi ke deka dikenang labuhka Najib



KUCHING: Rayat menua tu nyengkaum di Sarawak ditangkan ngambika nulak penemu ke dibai raban penyakal laban semua nya deka ngelabuh tauka ngeruga ketuai tauka pengiring menua ti udah dipilih rayat.

**Menteri Sains, Teknologi
enggau Inovasi (MOSTI)
Datuk Madius Tangau** ma-

PENGGI NUAN: Madius (kiba) benung nyuaka setipikit ngagai seiku penerima seraya dikemataka Fadillah (dua kiba) enggau Sharifah Hasidah (dua kanan).

dahka, menua tu ngembuan sistem demokrasi dikenang milih ketuai lalu ukai nengah penemu kungsi.

"Baka ni seiku ketuai renggat tinggi sebedau tu ulih berunding baka nya, kitai bisi sistem demokrasi iya nya nengah pengawa bepilih endur milih ketuai tauka pemesai.

"Maya nya enti deka ngereja pengawa nya tauka ngelabuhka ketuai, kena kuasa undinya... nama kebuah ngagai enda diatu?" ku iya.

Iya mansautka pekara nya ba aum pengarang berita penguduh nyerahka Sangkar 'Penyembelihan Mudah Alih'

ngagai Komite Pemansang enggai Pengelikan Kampung (JKKK) Kampung Semariang Batu, ti bisi digulu Menteri Kereja Raya ti mega Kaban Parlimen Petra Jaya, Datuk Fadillah Yusof ditu, kemari.

Ensanus (Hari Lima) Tun Dr. Mahathir Mohamad begulai enggau bala ketuai penyakal, bejadika penemu kungsi dikenang ngansak Datuk Seri Najib Tun Razak nyurutka diri ari pengawa iya penguduh narit sukung kaban UMNO ngambika nulak iring Menteri Besai enda mujur.

Iya ti kala nyadi Menteri Besai ngempuruka nyau deka

sampal bala ketuai penyakal ari DAP, PAS, Parti Amanah Negara (PAN) enggau PKR, dikenang ngansak ketuai menua diubah.

Madius berebak enggau tu ngarapka mensia mayuh enda mudah tekeruga enggau media rama ti enda disereneih sereta tebal agi berita ti dikeduarka enda betul.

"Enti ulih kitai ngarapka sida bulih penerang ari media rama tu ngenukuka dulu pengamat iya.

"Rayat patut nyerenih dulu pekara nya sereta berunding enggau dalam sekalika pekara nya amat tauka bula," ku Madius.

KERATAN AKHBAR
UTUSAN BORNEO (HORIZON) : MUKA SURAT A1
TARIKH : 6 MAC 2016 (AHAD)

Karnival 'Creativity & Science4U' tingkat minat pelajar dalam STEM

Oleh Siti Aisyah Ramli

MENYINGKIR tanggapan sains adalah mata pelajaran sukar dan membosankan, Kementerian Sains, Teknologi dan Inovasi (MOSTI) membawakan Karnival 'Creativity & Science4U' yang berlangsung selama tiga hari bermula 4 hingga 6 Mac.

Ia merupakan program jangka luar dengan menampilkan pendekatan santai, ceria dan menyeronokkan khusus untuk pelajar sekolah di sekitar bandar raya Kuching. Diadakan bertempat di Dewan Suarrah Kuching, inisiatif tersebut bertujuan merangsang dan meningkatkan minat pelajar terutama dalam bidang Sains, Teknologi, Kejuruteraan dan Matematik (STEM).

Pada masa sama, penerapan serta pembedayaan nilai Sains, Teknologi dan Inovasi (STI) menjadi agenda utama program selain membawa sains terus kepada masyarakat seperti yang termaktub sebagai usaha proaktif MOSTI demi menyokong hasrat negara untuk meningkatkan nisbah Sains : Sastera kepada 60 : 40 menjelang 2020.

Selain daripada Karnival 'Creativity & Science4U', MOSTI turut menerapkan elemen STEM menerusi program seperti ScienceFest, Singgah Sains dan Perkampungan Sains. Menerusi program-program yang telah dirancang, elemen STEM diterapkan dalam setiap modul pendidikan sains tidak formal yang direka khusus untuk pelajar prasekolah, sekolah rendah, menengah dan guru-guru.



CITA-CITA: Karnival ini diyakini mampu menjadi platform terbaik untuk memberi gambaran kerjaya berhubung Sains, Teknologi dan Inovasi.



SIDANG MEDIA: Madius (tengah) bersama tetamu lain ketika sidang media selepas merasmikan Karnival 'Creativity & Science4U' Zon Sarawak di Kuching.



HARAPAN NEGARA: Para pelajar berkesempatan mengikuti sesi penerangan berkaitan DNA.



Hadir merasmikan karnival ini ialah Menteri Sains, Teknologi dan Inovasi Datuk Seri Panglima Madius Tangau. Karnival 'Creativity & Science4U' merupakan lokasi penganjuran pertama bagi 2016 yang

menampilkan pelbagai acara sampingan khusus untuk para pengunjung termasuk permainan 'Space Ball', 'Space Show', 'Tech-Tonic Session', 'Do-It-Yourself Rocket/Robotic', demonstrasi Sains dan

Idola Penyampai Cuaca. Difahamkan, pada penganjuran karnival sama pada tahun lepas, ia berjaya menarik kehadiran kira-kira 35,000 pengunjung dalam kalangan pelajar, guru, belia dan ibu bapa.



INTERAKTIF: Pelbagai permainan interaktif disediakan kepada pengunjung.

KERATAN AKHBAR
UTUSAN BORNEO (BERITA IBAN TEMPATAN) : MUKA SURAT 14
TARIKH: 6 MAC 2016 (AHAD)

Karnival pupuk minat terhadap kreativiti, sains

Generasi muda teruja, program anjuran MOSTI jadikan mata pelajaran Sains lebih menyeronokkan

Oleh Siti Aisyah Ramlil

KUCHING: Minat mendalam terhadap mata pelajaran Sains menjadi faktor utama pelajar Tingkatan Lima Sekolah Menengah Kebangsaan (SMK) Batu Lintang Derrick Khomemasang impian untuk menjadi seorang angkasawan.

Beliau ketika ditemui pada hari kedua Karnival 'Creativity & Science4U' di Dewan Suar di sini semalam berkata, Sains adalah mata pelajaran utama yang ditunggu-tunggunya setiap hari persekolahan.

"Saya sangat meminati mata pelajaran Sains kerana ia tidak terikat kepada satu bidang sahaja, banyak bidang lain yang berada di dalam skop Sains yang boleh saya terokai.

"Untuk memilih jurusan dan bidang mana dalam sains



DERRICK

yang lebih saya minati, saya perlu masa sedikit lagi, dan dengan adanya karnival seperti ini, ia banyak membantu saya mengenali bidang-bidang sains dengan lebih mendalam," ujarnya.



HARIZ

Derrick berkata, beliau kini di peringkat mengenal pasti minat dan kebolehan yang ada pada dirinya yang menjurus ke arah bidang sains.

"Namun apa yang pasti, sejak kecil saya memang ber-



NURUL

cita-cita untuk menjadi angkasawan negara," jelasnya.

Sementara itu, murid Darjah Lima Sekolah Kebangsaan (SK) Santubong Mohd Hariz Hazimi Said Saadon berkata, meskipun Sains merupakan

“ Untuk memilih jurusan dan bidang mana dalam Sains yang lebih saya minati, saya perlu masa sedikit lagi, dan dengan adanya karnival seperti ini, ia banyak membantu saya mengenali bidang-bidang Sains dengan lebih mendalam. ”

Derrick Khomemasang
Pelajar SMK Batu Lintang

mata pelajaran sukar, beliau bagaimanapun memuji guru Sains di sekolahnya yang berusaha menjadikan mata pelajaran itu sebagai mata pelajaran yang menyeronokkan.

"Saya tidak nafikan ia memang subjek yang susah, tapi kalau kita meminati subjek

tersebut, ia pasti akan jadi senang.

"Saya meminati subjek (Sains) ini kerana cikgu Sains saya di sekolah pandai mengendalikan sesi pengajaran sehingga ia langsung tidak membosankan," katanya sambil menambah bercita-cita

untuk menjadi cikgu Sains apabila sudah besar kelak.

Sama seperti Derrick dan Hariz, murid Darjah Enam SK Rampangi Dayang Siti Nurul Fazana Awang Saiful turut melahirkan perasaan teruja kerana berpeluang menghadiri Karnival 'Creativity & Science4U' itu.

Katanya, ia sangat menarik dan memberi pengetahuan yang begitu luas khusus kepada pelajar sekolah seperti ini, lebih-lebih lagi apabila ia mampu menarik minat pelajar sekolah untuk lebih meminati mata pelajaran Sains.

"Karnival ini sangat menyeronokkan dan sekarang saya memasang cita-cita untuk menjadi saintis apabila dewasa kelak," katanya.

Karnival tiga hari tersebut dianjurkan oleh Kementerian Sains, Teknologi dan Inovasi (MOSTI).

SAMBUNGAN...
UTUSAN BORNEO (BERITA IBAN TEMPATAN) : MUKA SURAT 14
TARIKH: 6 MAC 2016 (AHAD)



KERJASAMA: Murid-murid sekolah rendah dalam kumpulan ketika menyertai segmen pertandingan mencipta roket kertas.



GIGIH: Para pelajar sekolah menengah kelihatan begitu teruja menyertai Pertandingan Penyiasatan CSI.

Karnival 'Creativity & Science4U' mendapat sambutan ramai

KUCHING: Karnival 'Creativity & Science4U' di Dewan Suar di sini yang memasuki hari kedua semalam terus mendapat sambutan menggalakkan daripada warga kota.

Dianggarkan lebih 1,000 pengunjung membanjiri tapak pameran dan program yang memberikan pengalaman penjelajahan secara 'minds-on,' 'hands-on' dan 'hearts-on' menerusi aktiviti-aktiviti yang dijalankan.

Karnival anjuran Kementerian Sains, Teknologi dan Inovasi (MOSTI) itu yang berakhir hari ini (Ahad) menyasarkan suntikan dan pengetahuan dalam bidang inovasi dan kreativiti pelajar sekolah, khasnya dan pengunjung lain, amnya.

Sama seperti pada hari pertama karnival pada Ju-

maat lepas, siri pameran dan aktiviti permainan interaktif serta pertandingan turut diadakan bagi memenuhi segmen karnival.

Memeriahkan aktiviti semalam ialah permainan 'Space Ball' di mana ia menjadi aktiviti paling ingin dicuba pengunjung.

Ia melibatkan penggunaan mesin 'Gyroscope' yang membawa pengunjung yang berhasrat untuk merasai pengalaman menakutkan memandang mereka akan diikat di tempat duduk mesin dengan tali pinggang keledar dan digerakkan ke pelbagai arah mengikut kelajuan yang berbeza-beza.

Permainan 'Space Ball' merupakan latihan simulasi yang sering dijalankan oleh angkasawan dalam menguji

ketahanan fizikal dan mental sebelum mereka benar-benar berhadapan dengan keadaan di angkasa lepas yang mempunyai sifar graviti.

Selain itu, para pelajar sekolah menengah dan rendah juga melibatkan diri dalam Pertandingan Penyiasatan CSI dan pertandingan mencipta roket kertas.

Karnival tersebut merupakan penganjuran sulung bagi 2016 yang dianjurkan oleh Kementerian Sains, Teknologi dan Inovasi (MOSTI).

Selepas Zon Sarawak, karnival tersebut akan dilanjutkan di beberapa negeri lain termasuk Negeri Sembilan, Johor, Melaka, Perlis, Kedah, Pulau Pinang, Perak, Kuala Lumpur, Putrajaya, Kelantan, Terengganu, Pahang dan Sabah.



KENTAL: Mesin 'Gyroscope' atau 'Space Ball' memberi pengalaman kepada pengunjung untuk mencuba ketahanan diri seperti berada di angkasa lepas yang mempunyai sifar graviti.

Starting 'em young as future scientists

By Eve Sonary Heng
reporters@thesundaypost.com

KUCHING: Building an early interest in Science and Technology can help children to develop an idea of their career path.

This is why STEM education (Science, Technology, Engineering and Mathematics) is deemed vital to the future children and country.

Therefore, talks, seminars, and even carnival events promote and motivate young children to build an interest in the STEM field, said Technology Park Malaysia (TPM) corporate communication and stakeholder management senior manager Aniz Adura Abdul Majid yesterday.

"As an agency to encourage development of science, technology and innovations, we want to promote these to students especially from the younger ones in primary schools.

"It is important to build their interest in Science and Technology from young.

"Talks and seminars can inspire them to become a scientist, an engineer, an astronaut and other professional careers in future," she said at the 'Creativity and

As an agency to encourage development of science, technology and innovations, we want to promote these to students especially from the younger ones in primary schools.

— Aniz Adura Abdul Majid, Technology Park Malaysia (TPM) corporate communication and stakeholder management senior manager

Science4U 2016' carnival held at the civic centre yesterday.

She was delivering a talk on 'A career in Science and Technology' to introduce visitors, especially students to a stimulating career in STEM.

She said this was in line with the government's effort to promote the fields of science, technology and innovation which are inevitable for Malaysia to achieve not only a developed status, but also to build a knowledge-based economy to move the value chain towards a

sustainable high income nation.

She said "Science is our natural world and STEM is our children's future" – the age of technology in which they live, hence their best career options.

She said Malaysia requires more scientist and technologist to ride on the highest of technology advancement era.

Meanwhile, according to a press statement by TPM's president and chief executive officer, Dato' Ir Mohd Azman Shahidin, he said there is a compelling need for the nation to adopt the latest technologies and innovations to build and sustain overall national growth towards attaining developed status by 2020.

It is also in line with the need for Malaysia to harness skills and knowledge in STEM across all sectors.

By 2020, he said the country wants to achieve a ratio of 70 scientists per 10,000 population.

TPM, an agency of Ministry of Science, Technology and Innovation (Mosti), is Malaysia's pioneer and leading technology park, spanning 688 acres of land with an integrated infrastructure, facilities and support services



Aniz giving her talk on 'A Career in Science and Technology'.

to assist technopreneurs and entrepreneurs who are keen to

commercialise their ideas in the four industry clusters, namely,

ICT, engineering, biotechnology and green technology.

KERATAN AKHBAR
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**NanoMalaysia
meterai MoU
dengan 10 syarikat
pembuatan di
bawah NGAP 2020**

PUTRAJAYA: NanoMalaysia Bhd, syarikat jaminan berhad di bawah Kementerian Sains, Teknologi dan Inovasi, memeterai Memorandum Persefahaman (MoU) dengan 10 buah syarikat pembuatan di bawah Pelan Tindakan Grafin Kebangsaan 2020 (NGAP 2020).

Majlis pemeteraian itu disaksikan oleh Menteri Sains, Teknologi dan Inovasi Datuk Seri Madius Tangau bersama Ketua Pegawai Eksekutif Unit Pengurusan Prestasi dan Pelaksanaan Datuk Seri Idris Jala dan Pengerusi NanoMalaysia Prof Emeritus Datuk Ir Dr Zawawi Ismail.

Dalam kenyataan yang dikeluarkan sempena majlis itu, Madius berkata MoU itu mempunyai potensi untuk menyumbang RM20 bilion kepada pendapatan negara kasar dan mewujudkan 9,000 pekerjaan baharu dalam industri terpilih menjelang 2020.

Beliau berkata lima bidang tumpuan keutamaan yang telah dikenal pasti ialah bateri lithium-ion, bahan tambahan getah, cecair nano (cecair penggerudian dan pelincir), dakwat konduktif dan bahan tambahan plastik.

"Pada masa ini, grafin, bahan nano berasaskan karbon, masih awal dalam kitaran pembangunannya dan saya berharap projek kerjasama ini akan meningkatkan ekonomi negara ke arah negara berpendapatan tinggi melalui sains, teknologi dan inovasi," katanya.

Sementara itu, Ketua Pegawai Eksekutif NanoMalaysia Dr Rezal Khairi Ahmad berkata grafin, yang ditemui pada 2004, dapat meningkatkan ketahanan plastik dan getah, menjadikan bahagian sistem mekanikal dan produk lebih tahan lama berbanding sebelum ini. — Bernama

Syabu one of the most common drugs used

KUCHING: Methamphetamine (Syabu), Ecstasy and Erimin 5 (commonly known as Red Tablet) are the most common drugs used by local addicts.

This was revealed by a forensic officer from the **Department of Chemistry Kuching** in an exhibition booth at the 'Creativity and Science4U 2016' carnival held at civic centre here yesterday.

According to the officer, who declined to be named, Syabu was the most common substance they received from the police to do analysis and produce report on.

"Most of the offenders are teenagers, and a lot of them come from rural villages," said the officer who asked for anonymity.

The officer opined that most probably Syabu was easier to source its supply, which explained its common use among teenagers and youngsters.

As for ecstasy, he said the drug was popularly used by youngsters in pubs, to make them 'happier'.

Syabu would make the user more active and could stay awake for 24 hours without feeling tired or sleepy.

He advised parents to monitor their children's activities and to be aware of the common signs of drug abuse such as sudden change in attitude like becoming more active than usual and loss of appetite.

"A redness of the eyes is not necessarily caused by drug abuse but it can be one of the signs too," he pointed out. Meanwhile, around 2,000 people mostly students had visited the carnival as of noon yesterday.

The carnival began on March 4 and ends today (March 6).



Information on drugs that are placed at the booth.